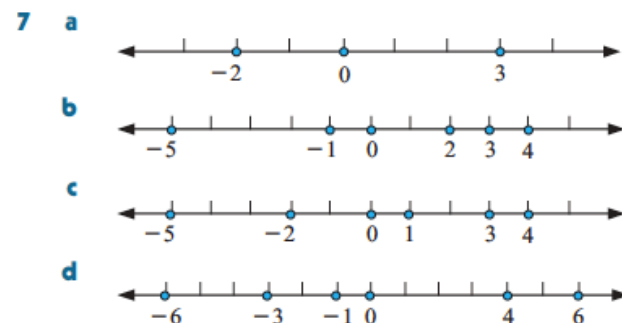


Answer of H&H MYP1 Ex 13B

EXERCISE 13B

- 1 a -8 b 5 c 0 d -11 e 2
f -6.4 g $3\frac{1}{2}$ h -56 i 23 j 23.6
- 2 a 5 b 2 c 3 d -4 e -1 f -1 g -3
h -4 i 2
- 3 a +10 b +6 c +4 d +7 e -2 f -5
- 4 a 12 b -2 c -3 d -9 e -2 f -6.5
- 5 a false b true c true d false e true f false
g false h true i true
- 6 a $4 > -1$ b $-4 > -11$ c $8 > -8$
d $-1 > -11$ e $-6 > -8$ f $-9 > -13$
g $0 > -8$ h $-6 < 0$ i $-7 < -5.5$



- 8 a $\{-4, -3, -1, 0, 4\}$ b $\{5, 2, 0, -1, -2\}$
- 9 Rachel \$852, Joey \$311, Ross -\$312, Monica -\$592
- 10 Moscow -7°C , New York -3°C , London 0°C ,
Sydney 12°C , Mexico City 15°C
- 11 a -5, -2, 8 b -4, -3, 0, 4
c -3.1, -1.2, 2.5, 4 d -10, -9.7, -9.5, -8.9
e $-2\frac{1}{4}$, $-1\frac{1}{5}$, 1, $3\frac{1}{2}$ f $-\frac{7}{8}$, $-\frac{5}{8}$, $-\frac{3}{8}$, $-\frac{1}{8}$, $\frac{5}{8}$
- 12 a i 15 ii -1 iii -20 b i 5 ii 6 iii 32
- 13 A 4, B 1, C 0, D -3, E -4 a true b false c true
d false e true f true g false h true
- 14 a 6 b 10 c 8 d 6 e -2 f 0 g -4 h -1

Answer for H&H MYP1 Ex 13C

EXERCISE 13C

- 1 a 8 b -2 c 6 d -2 e 0 f 0 g 0 h 0
i 4 j 2 k 1 l 6 m 3 n 6 o 8 p 5
- 2 a 3 b -11 c -3 d -13 e -6 f -3
g -4 h -10 i -3 j 3 k 1 l -1
m -4 n -7 o -2 p -6
- 3 a 5 b 2 c -2 d 0 e -4 f -5 g 0
h -3 i 0 j -5 k -4 l 4 m 4 n 0
o -3 p -9
- 4 a 7 m below sea level b 7°C
c 2 m below sea level d -5°C
- 5 a -2 b -6 c 2 d -3 e -2 f -2 g -8
h -7 i -3
- 6 \$23 7 a 3 b 0 c -7 d -2 e -5 f -1

Answer for H&H MYP1 Ex 13D

EXERCISE 13D

- 1 a 4 b 10 c -10 d -10 e -4 f 10
g 4 h -4 i -6 j 6 k 16 l 16
m -16 n 6 o -16 p -6 q -7 r -6
s 4 t -8 u -4 v -10 w -19 x -20
- 2 8th floor
- 3 a -7 b 10 c -8 d 12 e 7 f 18
g -3 h -3 i -15 j -2 k -9 l 9
m -14 n 68 o 24 p -5
- 4 a 10 b 16 c -4 d -4 e 0 f -12
g 9 h 4 i 4 j 1 k -2 l -20
- 5 -1°C

Answer for 13E

EXERCISE 13E

- 1 a 6 b -6 c -6 d 6 e -16 f 16
g -16 h 16 i 77 j 77 k -77 l -77
m 0 n 0 o 18 p 25
- 2 a 8 b -8 c 2 d -2 e -3 f -3
g -5 h 5 i -5 j 5 k -3 l 3
- 3 a \$56 b 6000 m
- 4 a -30 b -6 c 12 d 49 e -1 f 20
g 40 h 28 i -8 j -50 k -18 l -24
- 5 $(-2)^2 = 4$, $-2^2 = -4$, no
- 6 a 1 b -1 c 1 d -1 e 1 f -1
-1 raised to even power equals 1,
-1 raised to odd power equals -1

Answer for 13F

EXERCISE 13F

- 1 a 2 b -2 c -2 d 2 e 6 f 6 g -6
h -6 i 1 j -1 k -1 l 1 m 6 n -6
o 6 p -6
- 2 a 4 b -4 c -4 d 4 e 11 f -11
g -11 h 11 i 2 j -2 k 2 l -2
- 3 a -6 b 6 c -2 d 2 e 9 f -9
g -35 h 35 i 16 j -16 k -15 l -15
m 16 n -16 o -1 p -1
q any integer, except 0 r no solution
- 4 a \$80 000 b -3°C per hour

Answer for 13G

EXERCISE 13G

- 1 a -11 b 10 c -10 d 10 e -18 f -2
g -19 h 56 i -35 j -7
- 2 €40 000 profit 3 a \$4554 profit b \$759 4 -2°C
- 5 a B b C c 36 m d £67 800
- 6 a -1 b -1 c -2 d 2 e -3 f 3 g -9
h 3

Answer for 13H

EXERCISE 13H

- 1 a -14 b 70 c -48 d 17 e -425
f -70 g -24 h -8 i 100
- 2 a 2 m below b €245 c £2550 d RM 23 600

Answer for Review Set 13A

REVIEW SET 13A

- 1 a -2 b $7 > -12$ c -1 d $\{-5, -3, -2, 0, 1, 3, 4\}$
e borrowing 4 books f -3 g -12 h 22 i 3
- 2 a -27 b 4 c -7 d positive e -2 f -5
g -4 h $-6 < 0$ i -1
- 3 a \$633 b moving 63 m below to 33 m above (96 m)